

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07627

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D04H1/56 A61F13/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 402 140 A (JOHNSON & JOHNSON) 12 December 1990 (1990-12-12) cited in the application column 1, line 1-3	1
Y	column 1, line 33 -column 2, line 25; claims 1,2,5,8 ----	2-17
Y	US 4 100 324 A (OSTERMEIER KURT W ET AL) 11 July 1978 (1978-07-11) cited in the application column 2, line 29-54	2-4,6, 8-10, 13-17
A	column 7, line 59 -column 8, line 9; examples 1,2,5-8; table 2 ----	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

16 February 2004

26/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Joly, F

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07627

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BEECH S R ET AL: "TEXTILE TERMS AND DEFINITIONS, PASSAGE", TEXTILE TERMS AND DEFINITIONS, MANCHESTER, TEXTILE INSTITUTE, GB, PAGE(S) 239 XP002227582 page 239, paragraph 7 ---	1
Y	EP 0 363 533 A (IWAHASHI TSUGIO ;CHISSO CORP (JP)) 18 April 1990 (1990-04-18) cited in the application column 1, line 1 -column 2, line 42 column 3, line 12-45 column 4, line 15 -column 5, line 39; claim 3 ---	7,12
A	EP 0 405 043 A (FLAWA SCHWEIZ VERBAND WATTEFAB) 2 January 1991 (1991-01-02) column 6, line 23,24 ---	6,8
Y	EP 0 245 017 A (MINNESOTA MINING & MFG) 11 November 1987 (1987-11-11) column 5, line 11 -column 6, line 23 ---	11
A	WO 97 07762 A (MINNESOTA MINING & MFG) 6 March 1997 (1997-03-06) page 2, line 16-27 page 5, line 1-4; example 1 ---	9,12
A	EP 0 963 745 A (LOHMANN GMBH & CO KG) 15 December 1999 (1999-12-15) paragraphs '0008!, '0011!, '0014!- '0021! paragraph '0036! ---	1
A	US 4 755 178 A (INSLEY THOMAS I ET AL) 5 July 1988 (1988-07-05) column 3, line 1-6 column 3, line 49 -column 4, line 34 column 4, line 60 -column 5, line 18 column 6, line 25 -column 7, line 18; claims 1-4,6,16; examples 1-31; tables 1-9 ---	1-4,6,7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07627

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0402140	A	12-12-1990	BR EP ES GR IE JP JP PT	8902707 A 0402140 A1 2084001 T3 90100427 A ,B 902045 A1 2922588 B2 3114424 A 94294 A ,B		09-03-1993 12-12-1990 01-05-1996 15-11-1991 13-02-1991 26-07-1999 15-05-1991 08-02-1991
US 4100324	A	11-07-1978	NONE			
EP 0363533	A	18-04-1990	EP	0363533 A1		18-04-1990
EP 0405043	A	02-01-1991	EP AT DE	0405043 A1 106007 T 58907716 D1		02-01-1991 15-06-1994 30-06-1994
EP 0245017	A	11-11-1987	US AU AU BR CA DE EP ES JP KR MX	4769022 A 587692 B2 7094187 A 8702033 A 1285111 C 3775610 D1 0245017 A1 2027692 T3 62268517 A 9404703 B1 160853 A		06-09-1988 24-08-1989 05-11-1987 09-02-1988 25-06-1991 13-02-1992 11-11-1987 16-06-1992 21-11-1987 27-05-1994 05-06-1990
WO 9707762	A	06-03-1997	US AU CA EP JP WO	5707236 A 6500296 A 2228380 A1 0847264 A1 11511353 T 9707762 A1		13-01-1998 19-03-1997 06-03-1997 17-06-1998 05-10-1999 06-03-1997
EP 0963745	A	15-12-1999	AT DE DE EP PT	232709 T 69905421 D1 69905421 T2 0963745 A1 963745 T		15-03-2003 27-03-2003 15-01-2004 15-12-1999 31-07-2003
US 4755178	A	05-07-1988	AU AU BR CA DE EP ES GR JP JP KR MX NO ZA	576829 B2 3965085 A 8501372 A 1267271 A1 3580930 D1 0156649 A2 285302 U 850722 A1 7047040 B 60231802 A 9206861 B1 162635 A 851027 A 8501661 A		08-09-1988 03-10-1985 26-11-1985 03-04-1990 31-01-1991 02-10-1985 16-09-1985 02-05-1985 24-05-1995 18-11-1985 21-08-1992 07-06-1991 30-09-1985 29-10-1986